



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

Part A	
Data of the Institution	
1.Name of the Institution	ABES ENGINEERING COLLEGE
• Name of the Head of the institution	Prof. Sanjay Kr Singh
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	01207135112
• Mobile no	9871876762
• Registered e-mail	info@abes.ac.in
• Alternate e-mail	director@abes.ac.in
• Address	ABES Engineering College, 19th KM Stone, NH - 09 (Previously NH - 24) Delhi - Hapur Bypass Road
• City/Town	Ghaziabad
• State/UT	Uttar Pradesh
• Pin Code	201009
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	Dr. APJ Abdul Kalam Technical University Uttar Pradesh Lucknow				
• Name of the IQAC Coordinator	Mr. Mohit Misra				
• Phone No.	9711007971				
• Alternate phone No.	01207135112				
• Mobile	9711007971				
• IQAC e-mail address	iqac@abes.ac.in				
• Alternate Email address	mohit.misra@abes.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://abes.ac.in/naac-accredited-colleges.php				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://abes.ac.in/academic-calender-even22-23.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.75	2016	25/05/2016	24/05/2021
Cycle 2	A	3.24	2021	13/09/2021	12/09/2026
6.Date of Establishment of IQAC			01/09/2014		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
ABES	Ideal Lab	AICTE	2021-22	85.00 Lacs	
ABES	UBA	IIT Delhi	2021-22	50 Thousand	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		

<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	4
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> • If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
Creating awareness of Outcome Based Education (OBE).	
Ensuring timely compliances in regard to accreditation from National bodies.	
Ensuring participation in NIRF.	
Ensuring transparent policies.	
Reforming internal examination and evaluation processes.	
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	

Plan of Action	Achievements/Outcomes
Preparation for NBA of Mechanical Engineering Department	Got NBA Accreditation
Successful conduction of NAAC Peer Team visit	Got NAAC accreditation with A Grade
Strengthening Teaching Learning process through academic audits.	Teaching Learning process is improved and now it is more transparent.
Ensuring awareness of Course outcomes & Program outcomes among all stakeholders.	Enhanced dissemination is ensured.

13. Whether the AQAR was placed before statutory body?	Yes
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- Name of the statutory body

Name	Date of meeting(s)
BOG ABESEC	22/08/2023

14. Whether institutional data submitted to AISHE
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Year	Date of Submission
Yes	13/02/2023

15. Multidisciplinary / interdisciplinary
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The institute offers multidisciplinary courses as departmental elective, mandatory courses, open electives, Non-credit courses in a program.

The Institute offers a diverse range of multidisciplinary courses, fostering holistic learning experiences. With an extensive curriculum that combines various fields of study, students gain a well-rounded education that transcends traditional boundaries. This approach encourages critical thinking, problem-solving, and adaptability, preparing graduates to excel in an ever-evolving job market. By promoting cross-disciplinary collaboration, the Institute cultivates innovative thinkers capable of addressing complex real-world challenges. Students have the opportunity to explore their

interests, discover new passions, and develop a versatile skill set that opens doors to a multitude of career paths. In essence, the Institute's commitment to multidisciplinary education empowers individuals to become well-rounded and adaptable professionals.

16.Academic bank of credits (ABC):

It is not yet implemented by affiliating university.

17.Skill development:

Skill development practices in an engineering institute are pivotal for nurturing well-rounded professionals. These institutes prioritize hands-on learning, practical application of theoretical knowledge, and exposure to industry-relevant tools and technologies. Workshops, lab sessions, and real-world projects form the core of skill enhancement efforts. Moreover, guest lectures by industry experts provide valuable insights. Soft skills like communication and teamwork are also honed through group projects and seminars. Internships and co-op programs foster real-world experience. Continuous assessment and feedback loops ensure students' progress. In essence, skill development practices in engineering institutes equip students with both technical expertise and the practical skills necessary to excel in the competitive engineering landscape. Courses includes experiential learnings are the part of curriculam also.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The appropriate integration of the Indian knowledge system in institutes involves embracing cultural elements, and leveraging online courses. By offering education in Indian tradition and cultutre, institutions ensure Incorporation of cultural aspects into curricula fosters a deeper understanding of India's heritage and traditions. Simultaneously, students are also encouraged to opt for online mooc courses provide flexibility and reach, making education accessible to a wider audience. This approach promotes holistic learning that respects India's rich diversity while harnessing the power of modern technology. Ultimately, it empowers students to connect with their roots, preserving indigenous knowledge while preparing them for the globalized world.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

All the eligible branches (UG) in the institute are NBA-accredited, which indicates that the institute focuses on OBE methodology rigorously. Implementing outcome-based education (OBE) in an institute places the emphasis on the results and skills students acquire rather than just the content they are taught. OBE aligns curriculum, teaching methods, and assessments with specific learning outcomes. It ensures that students graduate with the practical knowledge and competencies needed for their chosen field. OBE also promotes critical thinking, problem-solving, and adaptability, preparing students for diverse career paths. By constantly assessing and refining the curriculum, institutions adapt to changing industry needs. In essence, OBE fosters a learner-centric approach, enhancing the quality and relevance of education and ultimately producing graduates who are better equipped for the challenges of the real world.

20.Distance education/online education:

The institute is an affiliated institute; hence, distance education is not offered. Although various classes and activities are conducted in online mode, for an honors degree, a student has to earn certain credits through MOOC courses. The institute extensively conducts certain activities in online mode. A CETL channel at the college level provides online material to students with ease of time and access. Various faculty members have developed extensive videos that are uploaded to the university channel to benefit a wider range of students. The usage of online education methods in institutes has revolutionized the traditional learning landscape. Online education provides flexibility and accessibility, allowing students to learn at their own pace and from anywhere with an internet connection. It offers a wide array of multimedia resources, enhancing engagement and comprehension. Institutes leverages virtual classrooms, webinars, and discussion forums to facilitate interactive learning. Additionally, online education promotes lifelong learning by accommodating professionals seeking skill upgrades.

Extended Profile**1.Programme**

1.1

683

Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template	View File	
2.Student		
2.1	4936	
Number of students during the year		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
2.2	816	
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description	Documents	
Data Template	View File	
2.3	1284	
Number of outgoing/ final year students during the year		
File Description	Documents	
Data Template	View File	
3.Academic		
3.1	244	
Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2	263	
Number of sanctioned posts during the year		

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	102
4.2 Total expenditure excluding salary during the year (INR in lakhs)	2928.40
4.3 Total number of computers on campus for academic purposes	2063

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The college has a robust curriculum delivery system, aligning with the university's syllabus. It meticulously follows well-defined academic procedures audited by the Internal Quality Assurance Cell (IQAC). Each semester begins with an academic calendar mirroring the university's schedule, covering class commencement, exams, and institute-level events.

Faculty teaching loads adhere to university evaluation schemes, leading to a structured timetable to ensure timely curriculum delivery. Documentation is comprehensive, encompassing course outcomes, plans, delivery methods, and student performance. Innovative teaching methods, including project-based and experiential learning, supplement traditional lectures. ICT tools like smart boards enhance teaching, and extra content is taught for a holistic education.

Tutorials with mentoring, transparent internal assessments, soft skills, and value education promote holistic student development. Extra hours are dedicated to remedial classes, preparing students for university exams. To bridge the gap between academics and industry, the college arranges guest lectures, industrial visits, and video lectures. Short-term and technical courses keep students

updated, while labs receive regular upgrades to match industry standards. In summary, the college offers a well-structured and engaging educational experience, blending tradition with innovation and emphasizing practical relevance.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://abes.ac.in/academic-manual.php

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution rigorously follows the academic calendar, considering it vital for achieving educational goals. The calendar, prepared at each semester's start (July/Jan), serves as the initial schedule for academic and administrative activities. The process involves:

1. **Draft Creation:** The Registrar creates an initial academic calendar by combining the university's calendar and departmental plans.
2. **Departmental Input:** Heads of departments provide input on their events for the upcoming semester.
3. **Dean Examinations:** Dean examination of the Institute gives tentative dates of Internal examinations for the upcoming semester.
4. **Draft Revision:** The Registrar refines the draft to ensure it meets university requirements, including the necessary teaching hours and major institute events.
5. **Approval Meeting:** A meeting with key stakeholders, including the Director and department heads, reviews the draft and incorporates suggestions.
6. **Distribution:** The final calendar is shared via email and posted on the college website for easy access.
7. **Adherence:** All departments are expected to adhere to the calendar diligently.
8. **Change Protocol:** Once approved, changes are only allowed under exceptional circumstances, with the Director's approval.

Adherence to the academic calendar enhances planning and

coordination, contributing to the institution's overall success.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://abes.ac.in/academic-calender-odd21-22.php

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

D. Any 1 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

15

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

30

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

3371

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment**1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

The AKTU-affiliated curriculum is comprehensive, featuring 32 courses addressing professional ethics, gender, human values, and environmental sustainability. Our institute supplements this with various committees and clubs:

1. Value Education Cell
2. Internal Complaint Committee (ICC)
3. Environ Club
4. Dramatics Club
5. Unnat Bharat Abhiyan:

These committees have organized various events and programs to address these issues:

- **Human Values & Professional Ethics (HVPE):** The Value Education Cell is dedicated to sensitizing students to HVPE. New students are introduced to HVPE through various sessions during the induction program, and workshops are conducted for 2nd, 3rd, and 4th year students. During these workshops, student volunteers are selected to raise awareness of HVPE among their peers.
- **Gender Sensitization:** The ICC organizes numerous programs to sensitize students to gender-related issues, including webinars and seminars on gender equality, women's empowerment, gender sensitivity, and harassment.
- **Environment & Sustainability:** The Environclub conducts various activities, including tree planting (herbal garden), campus and off-campus cleanliness drives, poster-making competitions, and awareness programs on plastic ban, waste disposal, water logging, and water conservation.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

33

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

3211

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://abes.ac.in/naac21/1.4.1.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may

A. Feedback collected, analyzed

be classified as follows	and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://abes.ac.in/naac21/1.4.2.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1481

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

472

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

ABESEC prioritizes catering to the diverse backgrounds and previous educational experiences of its students. To establish a common learning platform and bridge potential gaps in learning levels, the institution assesses students' capabilities.

The classification of students into slow, moderate, or fast learners varies based on their academic performances in internal assessments and external exams. Assessments encompass class tests, assignments, quizzes, sessional tests, and teacher evaluations.

Continuous monitoring occurs throughout the semesters, aided by class coordinators who track student progress. Collaborative efforts with faculty, mentors, department heads, and, when necessary, parents help address learning difficulties.

ABESEC offers tailored support programs: For Slow Learners:

- Remedial classes.
- Additional study materials.
- Robust mentor-mentee-parent interactions.
- Psychological and career counseling.

These efforts have yielded improved comprehension, enhanced placements and higher university results

For Moderate/Advanced Learners:

- Financial incentives and book/membership support.
- Ongoing guidance for academic excellence, resulting in better placements, advanced study opportunities, and enhanced university rankings.
- Real-time project opportunities.
- Encouragement for online certifications (e.g., Swayam, NPTEL, Udemy, Coursera).
- Promotion of participation in national and international technical competitions.
- Support for professional memberships.
- Motivation for engagement in co-curricular and extracurricular activities.

ABESEC's meritorious students consistently contribute to the institution's esteemed reputation through their achievements.

File Description	Documents
Paste link for additional information	https://abes.ac.in/naac21/ACADEMIC%20MANUAL.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
4936	244

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The domain trainings and basic trainings are provided to student in addition to the syllabus at no cost. The trainings specifically includes problem solving trainings till 5th semester. Students are motivated to participates in hackthons and various competetion for exposure. They are also encouraged to refer research papers and write review papers so that they will be more equipped in their area of interest. The institute has shifted from traditional chalk-and-talk to a wide range of student-centric approaches such as active learning, collaborative learning, project-based learning, and experiential learning. These innovative methods aim to enhance the overall learning experience.

To support these pedagogical changes, the institution provides essential teaching aids like LCD projectors, smart boards, online modules, and Learning Management Systems. Highly qualified faculty members employ various techniques such as role plays, flipped classrooms, case studies, and group discussions, fostering active student participation and problem-solving.

Moreover, numerous student clubs and activities promote experiential learning. The ORBITS department connects students with industry projects, bridging the gap between academia and real-world challenges. Industry partnerships, internships, and expert interactions further expose students to practical experiences.

Centers of excellence, hands-on training, project guidance, research, patents, and participation in competitions contribute to dynamic learning environment.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://abes.ac.in/life@abes_new.php

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ABESEEC has embraced ICT to facilitate self-paced learning for students. The institution encourages teachers to integrate audio-visual aids into their lectures, a practice reinforced through annual appraisals. Faculty members utilize ICT tools such as PowerPoint presentations, online quizzes, and simulations in teaching. A wide range of ICT resources, including LCD projectors, speakers, printers, laptops, and e-lecture recording studios, as well as uninterrupted internet connectivity, are available. E-resources like e-books, journals, educational CDs, and databases (e.g., Elsevier and IET journals) support learning. Collaboration platforms like MS Teams, Google Classroom, and Moodle are employed for sharing materials and conducting online lectures.

Students are motivated to create PowerPoint presentations for assignments, fostering interactive learning. Workshops familiarize faculty with multimedia development tools. The institution's Center of Excellence for Teaching and Learning (CETL) maintains a YouTube channel with educational videos.

During the COVID-19 pandemic, ABESEEC recorded lectures for the university, benefiting numerous students. The institute contributed to the "SWAYAM PRABHA" educational channel initiative. Virtual labs ensured uninterrupted learning.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

207

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

244

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

83

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1616

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution operates under the affiliation of Dr. APJ Abdul Kalam Technical University, Lucknow. The internal assessment process aligns with the university's ordinance, which outlines evaluation methods. Continuous class assessment, end-semester exams, class tests, assignments, quizzes, viva-voce, and attendance contribute to the student's performance evaluation.

To ensure student awareness of examination and assessment guidelines, the institute conducts orientation programs and faculty-led briefings. Transparency and robustness are upheld in internal assessments through several measures:

1. Academic calendar release at the semester start, announcing test dates, frequency, marks, and weightage, shared via the website, email, and classroom communication.
2. Exam schedules are prepared in advance and shared through official channels and class coordinators.
3. Seating arrangements and invigilation are meticulously planned and enforced.
4. Swift evaluation of answer scripts within three days of the exam, with opportunities for students to review their performance.
5. Evaluative rubrics for Project Presentations, Industrial Trainings, Seminars, and Minor Projects maintain consistency in assessments.
6. Published internal/sessional marks are posted on departmental notice boards, with prompt resolution of any grievances by faculty members.

The institution strictly adheres to the university's directives, maintaining complete transparency in internal assessment procedures.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://abes.ac.in/naac21/2021-22/2.5.1.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institution operates a centralized examination cell, overseen by the Controller of Examination (CoE), managing both internal and external exams. Responsibilities encompass planning, communication, and execution.

1. **Date Sheet:** The exam cell creates a tentative date sheet for internal exams, seeking input from academic departments on subject difficulty. After a two-day review period, a final date sheet is shared with examinees and relevant departments.
2. **Late Entry:** Students are not allowed entry after an exam starts in internal exams , with exceptions decided by the CoE and Observers during External Examinations. Internally, CoE and Department HoDs handle such cases.
3. **Un-Fair Means (UFM) Cases:**
 - **External UFM Cases:** Follow university guidelines, escalating issues to the affiliating university.
 - **Internal UFM Cases:** Reported cases are sent to relevant academic departments for resolution, involving HoDs and department exam cell members. Outcomes are communicated to the exam cell.
4. **Grievances in Question Papers:** External exam issues are raised with University Officials within 30 minutes. Internally, concerns are resolved within 20 minutes after consultation with the subject teacher/Head of the Department.
5. **Grievances in Marks Obtained:** For external exams, students can request challenge evaluation or scrutiny following AKTU procedures. Internally, department-level mechanisms transparently address grievances.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://abes.ac.in/academic-calender-even22-23.php

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

In 2014, the institute embraced the concept of outcome-based education (OBE). This approach dictates curriculum, teaching methods, and assessments based on the expected learning outcomes for each program or course. The Program Educational Objectives (PEO), Program Outcomes (PO), and Program Specific Outcomes (PSO) for all programs are meticulously defined and prominently displayed across the college premises and website.

Faculty members discuss CO at start of first class in each session and HoD discusses PO at the start of session.

Course Outcomes (CO) for individual courses follow a structured process, developed and revised departmentally with input from senior faculty members and department heads. These COs align with Bloom's taxonomy, ensuring students' skill development from basic understanding to creative application. While some courses have predefined COs from the affiliating university, others are locally defined at the department level.

These learning outcomes (PEO/PO/PSO/CO) are readily accessible on the college website and included in departmental documents, lab manuals, and course files. They are introduced to students at the start of each course.

Implementing OBE diligently led to NBA accreditation for all eligible B.Tech. programs (ECE, CSE, IT, EEE, and ME) under the outcome-based model.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://abes.ac.in/visionmission.php
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

CO ATTAINMENT: In direct assessment, student's internal marks (theory, practical, seminars, assignments and presentations) and University exam (theory and practical) marks are considered. The marks are then converted to find whether they meet the course outcome as per the set target. After getting the course outcome score, contribution of each course to program outcome can be measured progressively until students complete their 4 year program. The attainment of course outcomes of all courses are calculated based on targets and attainment levels which are decided by the Department Academic Council based on the previous years results. From internal & university attainment levels, overall attainment by direct method is calculated by giving proper weightages.

In Indirect assessment, Course exit Survey is used for assessing the percentage of attainment. In the overall attainment, a weightage of 80% is given to direct assessment while 20% is assigned to indirect assessment.

PO & PSO ATTAINMENT:

The assessment tools are direct and indirect methods for evaluating the attainment of POs. Overall attainment for POs are calculated with 80% weightage to Direct Method (Overall CO Attainment) & 20% weightage to indirect method (Surveys from Stakeholders).

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://117.55.241.166/ioncudos_abes/

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the

year	
1242	
File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://abes.ac.in/2.6.3.php
2.7 - Student Satisfaction Survey	
2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)	
https://abes.ac.in/2.7.1.php	
RESEARCH, INNOVATIONS AND EXTENSION	
3.1 - Resource Mobilization for Research	
3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
235.44	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File
3.1.2 - Number of teachers recognized as research guides (latest completed academic year)	
3.1.2.1 - Number of teachers recognized as research guides	
13	

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

3

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://abes.ac.in/3.1.3.php

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute is committed to fostering research and knowledge sharing among faculty and students, emphasizing the role of ideas in driving innovation. It actively encourages individuals to develop skills, exchange innovative concepts, and translate them into tangible projects. The special focus is shifted towards paper published by students.

To promote research and innovation, the institute has implemented various policies:

1. Financial support for attending national and international conferences, FDPs, workshops, etc.
2. Reimbursement for professional body memberships to expose faculty and students to contemporary research.
3. Financial assistance for training and certifications.
4. Funding for patent filing and publication.
5. Incentives for producing high-quality research papers, book

chapters, books, etc.

The institute has established research-focused verticals like Orbit, ABES idea labs, INIF etc. It actively encourages industry-academia collaboration, regularly hosting industry experts to share knowledge and discuss current market technologies.

With numerous industry MoUs, the institute achieved various rankings in ARIIA every year.

As an implementing agency in Tide 2.0, the institute established an SPV to support tech start-ups. This ecosystem enhances employability and has resulted in increased patents, research papers, and PhD registrations in recent years, emphasizing peer-to-peer learning and effective knowledge transfer.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://orbits.abes.ac.in/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

17

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

23

File Description	Documents
URL to the research page on HEI website	https://publication.abes.ac.in/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

196

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

165

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Extension activities are integral to ABESSEC's educational philosophy, providing students with exposure beyond academics and nurturing interpersonal skills while fostering societal

understanding.

Unnat Bharat Abhiyan (UBA): ABESEC has adopted five nearby villages under UBA, allowing students to engage with real rural challenges, such as sanitation and illiteracy. They educate villagers on issues like pesticide use and plastic pollution, even receiving government grants for some solutions, emphasizing practicality and connecting urban and rural India.

Entrepreneurship Awareness: Funded by DST, this initiative spans districts like Hathras, Moradabad etc. encouraging students to explore and enhance their interpersonal skills.

NSS Club: Self-motivated volunteers in the NSS club participate in various societal initiatives, including Swachhta Pakhwada, awareness rallies, and blood donation drives. NSS instills social responsibility and behavioral change, emphasizing students' roles in creating societal balance and a welfare state.

Cultural Celebrations: Events like International Yoga Day, Rashtriye Ekta Diwas, Hindi Diwas, International Women's Day etc. celebrate Indian culture, values, and gender sensitization, enriching students' character and social awareness.

NGO Support: ABESEC supports NGOs like Help Us to Help Child (HUHC), which works with underprivileged slum children, providing teaching and grooming. These activities cultivate students' character and philanthropic instincts, contributing to progressive and compassionate nation.

File Description	Documents
Paste link for additional information	https://abes.ac.in/club.php
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

4

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

22

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1263

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

90

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

21

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institute provides state-of-the-art facilities for teaching and learning with 81 ICT enabled classrooms, tutorial rooms, 04 seminar halls and labs along with laboratories/workshops as per AICTE norms. ABESSEC has an auditorium and a recording studio with state of the art facilities . The Institute offers content beyond curriculum to bridge the gap between industry and academia. Specialized labs cum

centre of excellence (CoE) ensures skill-based learning and promote R&D. The CoE's are developed in association with the industries like Industrial Automation Research & Training Centre by Rockwell Automation, Solar Lab by Sapro Electronics & Electricals Pvt. Ltd., virtual instrumentation lab by National Instruments and many more. Labs like Data Analytics, Full Stack, Block Chain, Robotic Process Automation, Software Testing and Mobile Application Development also exists. The institute has Hi-tech computing facilities like PTC CREO 7.0 Educational Bundle, Mapple Sim 2017, packet tracer for CCNA Lab, Wi-fi and fiber link with a speed of 1 Gbps, online UPS with more than 200 KVA , Document Camera, Dell VX Rail for virtual labs and 2063 computers .

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://abes.ac.in/life@abes_new.php

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

ABESEC provides a holistic environment to encourage students. A Flood lit stadium supports field games. Other outdoor facilities include Cricket, Football Basketball, Volleyball, Lawn tennis and Badminton. The institute has a semi Olympic size swimming pool .Indoor Activities include table tennis, snooker, carom, and gym.

The Auditorium hosts events as part of cultural activities, working with cultural clubs, theatre companies, and musical or band ensembles to give students a chance to showcase their talent. The dramatic club, 'Samvaad' organizes Plays, Skits, Nukkad Natak addressing the social issues. Picturesque, the Photography club and Minerva, the Literary club encourages students to follow their passion.

The Yoga club organizes the Yoga and meditation sessions for the staff and students.

ABESEC organizes Inter college fest "GENERO" & TECHNO FEST. Many technical events like robotics, coding competitions, structural engineering are conducted for students. Drama, Dance competition, Battle of Bands are organized which provides a great opportunity to students to exhibit their talent .The students have brought laurels to the institute and proved their excellence in various Intra and

Inter-Institute, University, regional and National level competitions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://abes.ac.in/life@abes_new.php

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**92**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://abes.ac.in/life@abes_new.php
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)****383.43**

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Name of ILMS Software: KOHA, Nature of Automation: Fully Automated Library, Version: 20.11.09.000

The library is housed in of 1384 sq. m with a reading space of 400 sq. m. Institute has fully automated library since 2006 with Wi-Fi enabled facility, to automate the library, Libsys was used as ILMS from 2014-2021. Recently the ILMS is migrated to KOHA with library having life membership in The Institution of Engineers (India) . The library also has Club Membership to National Digital Library of India (NDLI) which has a collection of more than 6 lakhs e-books availability for use by all the stakeholders. The library also provides access to Science Direct, Springer, Taylor & Francis, Emerald, Wiley and Sage e-journals and Mc Graw-Hill, Pearson, New Age, Prentice-Hall of India & Cambridge University Press e-books through Nalanda e-consortium membership signed under AKTU. E-Resources are accessible to every individual through remote login. As an initiative to go paperless, the entire working of library is made automated.

About Library Management System:Library Management System is software for maintaining records of all library functions & manages the complete information of the library with the following features.Cataloging Book Acquisition Database Management Membership Module Circulation Report Generator OPAC Serial Control.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://library.abes.ac.in/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

21.89

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

184

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institution has regular IT facility upgrades for the rapidly evolving technological demands . Here, the IT infrastructure caters all stakeholders in mind. For IT support, the institution has Computer Administration Department. The institution provides 24*7 high speed internet through optical fiber link (leased line) and Wi-Fi with 165 access points . A bandwidth of 1Gbps provides high speed internet connectivity even in hostels.

For computing purpose, the Institution has more than 2063 computer systems, 16 Laptops,110 printers, 15 servers and 165 Wi-Fi access points. More than 578 CCTV cameras at various locations of the Institute are for surveillance & security. 166 LCD projectors, 139 Amplifiers and 200+ network switches are available to stake holders. The details of IT infrastructure available as on date is attached as

Annexure-I along with the details of infrastructure added in last five years as Annexure-II. ABESEC has a practice of upgrading the IT facilities. A change in IT infrastructure is done, like bandwidth is increased from 400 Mbps to 1 Gbps, along with addition of 42 computer systems and 25 projectors.

To protect data ,2 firewalls are installed like, Sophos XG43T.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://abes.ac.in/life@abes_new.php

4.3.2 - Number of Computers

2063

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

1175.65

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The college diligently manages its facilities through established protocols and policies.

Laboratory: Department heads oversee lab allocation and use, with lab assistants maintaining records and supervising equipment maintenance, including calibration and repairs. External repairs require approval from the department head after a requisition from lab in-charges.

Library: The central library, housing 110,000 books, collaborates with departments for book requisitions, and users can provide input through suggestion boxes. The Library Advisory Committee (LAC) offers feedback for enhancements and addresses student issues. Maintenance and stock verification are routine tasks for library staff.

Sports: The college sports in-charge handles equipment, while the administration manages sports facilities like courts and swimming pools.

Computers: The Computer Administration (CA) department oversees computer-related procurement, maintenance, and connectivity. An IT portal resolves issues efficiently.

General Maintenance: The administrative office (AO) maintains college infrastructure and has an admin support portal for issue reporting. Regular upkeep tasks, such as cleaning, pest control, and landscaping, are performed. Hostel monitoring committees ensure hostel cleanliness.

Classrooms, Seminar Halls, Auditorium: Departments receive dedicated classrooms, while shared spaces like seminar halls and auditoriums are allocated as needed through a booking form (G1).

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://abes.ac.in/life@abes_new.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

900

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

503

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 439 542 506">File Description</th> <th data-bbox="550 439 1473 506">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 506 542 613">Link to Institutional website</td> <td data-bbox="550 506 1473 613">https://abes.ac.in/ccpd-seep-overview.php</td> </tr> <tr> <td data-bbox="86 613 542 680">Any additional information</td> <td data-bbox="550 613 1473 680">No File Uploaded</td> </tr> <tr> <td data-bbox="86 680 542 824">Details of capability building and skills enhancement initiatives (Data Template)</td> <td data-bbox="550 680 1473 824">View File</td> </tr> </tbody> </table>	File Description	Documents	Link to Institutional website	https://abes.ac.in/ccpd-seep-overview.php	Any additional information	No File Uploaded	Details of capability building and skills enhancement initiatives (Data Template)	View File	
File Description	Documents								
Link to Institutional website	https://abes.ac.in/ccpd-seep-overview.php								
Any additional information	No File Uploaded								
Details of capability building and skills enhancement initiatives (Data Template)	View File								
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year									
3928									
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year									
3928									
<table border="1"> <thead> <tr> <th data-bbox="86 1200 542 1267">File Description</th> <th data-bbox="550 1200 1473 1267">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1267 542 1335">Any additional information</td> <td data-bbox="550 1267 1473 1335">No File Uploaded</td> </tr> <tr> <td data-bbox="86 1335 542 1559">Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)</td> <td data-bbox="550 1335 1473 1559">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	No File Uploaded	Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File			
File Description	Documents								
Any additional information	No File Uploaded								
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File								
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above								

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

1058

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

19

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

36

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

29

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Student Affairs Committee (SAC) at the college is a dynamic body involving student representatives, faculty members, and departmental representatives. SAC addresses student issues, making

recommendations to college authorities and acting as a vital communication channel.

SAC's composition includes:

- A senior professor appointed by the Director as the chairman.
- Faculty representatives from each department.
- Student representatives from various courses and years, nominated by their respective departments.
- Outgoing SAC members.
- Representatives from administrative offices, including the Registrar, Hostel Affairs In-charge, Librarian, CCPD, and Computer Admin Department.

Their mission is to ensure the college functions smoothly, fostering participation from all stakeholders and resolving concerns raised by students or faculty.

Students are also represented in multiple academic and administrative committees, including the Library Advisory Committee, Internal Quality Assurance Cell, Class Representatives, various clubs, and associations. These roles empower students to contribute to decision-making processes, ensuring their perspectives are considered throughout the college's operations

File Description	Documents
Paste link for additional information	https://abes.ac.in/club.php
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

6

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The ABES Engineering College Alumni Association (AAA) was established in 2007 to facilitate interactions among alumni, current students, and fellow alumni. All graduates automatically become members of the association, which currently boasts over 13,000 members. The association is registered with the Registrar of Societies in Meerut, following specific organizational bylaws.

The association holds an annual General Body meeting to elect an Executive Council. Additionally, the college hosts a yearly 'Alumni Meet-Cum-Decadal Celebrations' to reunite and honor alumni who graduated a decade ago. The Executive Council comprises office bearers, executive members, and departmental coordinators. They meet every two months to address association matters.

ABESEEC alumni play a crucial role in enhancing students' careers by providing industry insights, lectures on cutting-edge technologies, guidance for studying abroad, assistance in preparing for competitive exams like IES and PSUs, and even encouraging their employers to conduct campus placements at the college. AAA conducts mock interviews and preparation for students who are appearing for interviews and guide them how to crack interview for renowned companies. Furthermore, AAA supports the NGO 'Help Us to Help the Child' (HUHC), which educates underprivileged children in slums and villages.

File Description	Documents
Paste link for additional information	https://abes.ac.in/aaa-about-aaa.php
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

In accordance with the institute's vision of transformative education that fosters leadership and innovation while preserving Indian traditions, the Board of Governors (BoG) plays a pivotal role in creating a conducive learning environment. The BoG promotes open communication across all levels, involving stakeholders in decision-making, curriculum development, and policy formulation.

The institute values stakeholder input and maintains an open-door policy for efficient decision-making. It prioritizes human resource development, providing necessary infrastructure while maintaining adaptability in higher education. This culture ensures prompt decision-making and minimizes bureaucracy.

Recognizing the importance of staying current, the BoG is committed to adaptation. The institute collaborates with industry for student mentorship and practical exposure. Industry experts contribute through talks, training sessions, and workshops. Faculty and students visit industries for real-world insights.

To enhance consultancy and research, a dedicated department and policies for industry-academia relations are established. Faculty and staff are encouraged to engage externally with financial support, promoting a research-oriented culture.

The institute also focuses on students' holistic development,

emphasizing values through a value education cell and student clubs. The management, director, faculty, and staff work together to realize the institution's vision of transformative education rooted in Indian values

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File Description	Documents
Paste link for additional information	https://abes.ac.in/bog.php
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institution follows a decentralized and participative management approach across all levels. It firmly believes that excellence is the responsibility of every stakeholder, providing equal opportunities for all to contribute to quality improvement.

The Institute promotes delegation of authority by involving stakeholders in analysis, strategy development, and deployment. Top management plans meticulously to optimize resource utilization, ensuring the availability of required infrastructure and resources. The Director holds functional authority, involving heads of academic and non-academic departments and faculty in decision-making.

Department heads have autonomy over departmental activities, proposing budgets, course allocation, timetables, and organizing various programs. They are granted financial power delegation to manage operational needs. Corporate Prepaid Cards facilitate online transactions and ATM withdrawals.

Recruitment and selection processes are decentralized and managed by the HR department, independently identifying suitable candidates through advertisements and interviews. Once selected, candidates are integrated into their respective departments.

The institution has established various administrative and academic committees, including those for complaints, student affairs, research, grievance redressal, alumni, entrepreneurship, anti-ragging, and more. These committees comprise representatives from alumni, students, faculty, director, and industry professionals, reflecting a decentralized and participative management culture

File Description	Documents
Paste link for additional information	https://abes.ac.in/naac21/2021-22/organization_chart_updated_3-1-2022[1].pdf
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional strategy and perspective plan prioritize excellence in key areas:

Industry Interaction and Collaboration: The college established units like ORBITS, fostering student-industry connections and offering consulting services. Additionally, the ABESec Startup Lab (ASL) & INIF promotes entrepreneurship, functioning as a separate legal entity.

Human Resource Management: A dedicated HR department oversees HR functions, implementing a robust appraisal system to nurture faculty and staff development. It ensures compliance with labor laws through the "greyTHR" HR software.

Library and Infrastructure: The central library boasts an extensive collection of books, e-Books, and access to national and international journals. Modern technology equips classrooms, auditoriums, seminar halls, and conference rooms to facilitate teaching and learning.

Research and Development: The institution encourages research via policies, offering direction, financial support, and incentives for faculty to publish in prestigious journals, including SCOPUS and SCI indexed ones.

Teaching and Learning: Faculty employ a blend of online and in-class methods, integrating quizzes, assignments, group discussions, and seminars on contemporary topics throughout the semester.

The institution formulates a five-year plan to establish specific goals and timelines, aligning activities with long-term aspirations and involving key stakeholders. This comprehensive strategy aims to propel the institution toward excellence across academic and administrative dimensions.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://abes.ac.in/naac21/2021-22/Startgic%20plan.pdf
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The commitment to maintaining quality is evident through meticulous institutional policies and administrative procedures. Established under the Society for Education Excellence, the institute aspires to stand among the foremost educational institutions.

The BoG shapes the college's vision, mission, and strategic direction, bearing responsibility for financial oversight and institutional performance. Decisions and policies prioritize the institution's best interests, overseen by the Director, who acts as the Member Secretary of the BoG and implements approved policies, including the budget.

To ensure effective governance, the institute employs a decentralized operational structure with delegated authority, promoting leadership involvement through well-defined systems. The administrative framework includes various departments, sections, and committees, such as the Academic Council, Internal Quality Assurance Cell (IQAC), Library, Alumni Association, and more.

Recruitment adheres to university norms, with a committee evaluating candidates based on interview performance. Staff members receive benefits such as EPF, Gratuity, Mediclaim, leave allowances, and more. The institution's transparent promotional policy relies on Academic Performance Indicators (API).

Regular feedback from stakeholders informs improvements in the teaching and learning process. Statutory committees, including the Anti-Ragging Committee and Internal Complaint Committee, are in place to support students and staff

File Description	Documents
Paste link for additional information	https://abes.ac.in/bog.php
Link to Organogram of the institution webpage	https://abes.ac.in/naac21/2021-22/organization_chart_updated_3-1-2022[1].pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

ABESEC's management firmly believes that the institute's growth is intricately tied to the satisfaction and dedication of its employees. To maintain high levels of motivation and contentment, the institute has established a range of policies and welfare measures for both teaching and non-teaching staff. These encompass various welfare schemes:

1) General Welfare Schemes for All (Faculty and Staff):

- Maternity leaves
- Paternity leaves
- Vaccation Off leaves
- Leave Encashment:
- Fee Concession: The institute offers up to 50% fee concession to employees' children who have served the institute for over

three years.

- **Gratuity:** All employees qualify for gratuity after five years of continuous service, in accordance with the Gratuity Act.
- **Employee's Provident Fund (EPF):** The institute provides an EPF retirement benefit scheme for all employees.
- **ESIC Scheme:**
- **Medical insurance reimbursement.**
- **Accidental Insurance:**
- **Sports, swimming pool and Gym Facilities**

2) Welfare Schemes for Teaching Staff:

- **Sponsorship Fee Reimbursement of FDP.**
- **Fee Reimbursement for Professional Memberships**
- **Research and Development Incentives**
- **BYOD ploicy.**

3) Welfare Schemes for Non-Teaching Staff:

- **Sponsorship/Fee Reimbursement for Workshops/Trainings:**
- **Special Training:**
- **Kanyadan policy**

These comprehensive welfare schemes demonstrate ABESSEC's commitment to fostering a supportive and gratifying work environment for all its staff members.

File Description	Documents
Paste link for additional information	https://abes.ac.in/hr-policies.php
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

64

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

15

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

136

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The Institute conducts an annual performance appraisal once in a year for both faculty and staff. This assessment aligns with the institution's performance-based appraisal system and relevant academic performance indicators. Non-teaching and technical staff undergo evaluation based on key performance indicators, utilizing a predefined performance-based appraisal form that encompasses essential parameters for individual and institutional growth.

The assessment criteria encompass:

1. Academics:
2. Professional Development:
3. Research:
4. Central Activities and E-Content Development:
5. Feedback

Faculty members are encouraged to self-assess their performance and provide justifications for their achievements. Student feedback, gathered both offline and online, aids in assessing faculty performance in teaching, classroom management, and co-curricular aspects.

Recommendations are derived from feedback ratings, grading, and employee appraisal form submissions. Department heads assess faculty members and offer their recommendations on the appraisal form, which is subsequently forwarded to the Director and management for approval. Annual increments are determined based on appraisal outcomes.

A separate appraisal system exists for staff, evaluating parameters

like initiative, decision-making, behavior, attitude, achievements, growth potential, learning capacity, commitment, work quality, and teamwork.

ABESEC's performance appraisal system significantly enhances the performance of faculty and staff, fostering their professional growth and strengthening institutional excellence.

File Description	Documents
Paste link for additional information	https://abes.ac.in/CAREER-appraisal-form.php
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The college implements a comprehensive financial auditing process, encompassing both internal and external audits on an annual basis. Within its administrative structure, there is a dedicated Finance Section responsible for maintaining and regularly auditing the financial statements. The college has established a robust system for auditing financial resources, involving Qualified Internal Auditors and engaging Statutory Auditors. These auditors meticulously review and verify all transaction vouchers conducted throughout each financial year, thereby monitoring and reporting all financial statements.

To ensure compliance with all necessary financial regulations, the college's accounts undergo regular audits by Statutory Auditors. Any discrepancies identified during the audit process are promptly addressed and rectified, with preventive measures put in place to minimize the likelihood of future errors. The institution has appointed Mr. Sanjeev Agarwal, Chartered Accountant (Membership No. 072907) from M/s. Sanjeev Anand Associates, Ghaziabad (firm Regn. No. 007171C), as the external auditor. For internal audits, Mr. Anil Agarwal, Chartered Accountant (Membership No. 086952) from M/s. Anil K. Associates (firm Regn. No. 004932C) has been appointed.

In essence, the college maintains a rigorous financial audit framework, ensuring transparency and compliance with financial regulations through both internal and external auditing processes.

File Description	Documents
Paste link for additional information	https://abes.ac.in/IOAC-department.php
Upload any additional information	No File Uploaded

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

1.62

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

ABESEC, a self-financed institution, primarily relies on student fees to finance its operations. These funds are allocated to various purposes, including staff salaries (both teaching and non-teaching), infrastructure maintenance and expansion, and various other institutional expenditures. The budgeting process commences at the start of each academic session, with departments proposing budgets for different cost categories, guided by the previous year's expenses.

These cost categories encompass a wide range of activities, such as laboratory development, equipment procurement, staff training, research and development, conferences, faculty development programs, and projects aimed at improving the quality of education.

The institution's overall budget is consolidated based on these departmental proposals and anticipated expenses for infrastructure and resource upkeep. Once finalized, expenditures are carried out in accordance with institutional policies. In cases of significant budget deviations, final approval rests with the management to

maintain transparency.

In addition to student fees, ABESSEC obtains supplementary funds from industrial consultancy and grants from government and non-government organizations, including AICTE and the affiliating university. These funds are strictly allocated to their designated categories.

File Description	Documents
Paste link for additional information	https://abes.ac.in/pdf/hr/POLICY%20FOR%20FINANCIAL%20POWER%20DELEGATION.pdf
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC (Internal Quality Assurance Cell) primarily aims to enhance quality by instilling a culture of excellence and integrating best practices within the institution. Following are the significant initiatives led by the IQAC contributing to quality enhancement are:

1. Identification of Key Responsibility Areas and Strategic Planning: Each academic session begins with the identification of key challenges and the definition of key responsibility areas for departments to focus on. These areas encompass academic performance, student technical and soft skill development, placement support, faculty development, research, industry collaboration, and accreditation. Departments present their key areas and action plans. IQAC formulates an action plan based on inputs from department heads, the Director, and management. Regular review meetings track the progress.

2. Academic & Administrative Mentoring and Monitoring: To ensure effective implementation, regular mentoring and monitoring of departments occur through audits conducted by a team of senior faculty members and external experts. The IQAC schedules audits in advance, communicates objectives to all parties, and provides a predefined format for self-study reports prepared by departments. Audit objectives include evaluating department functioning, reinforcing best practices, assessing quality practice

implementation, motivating faculty for self-development, encouraging innovative teaching methods, and fostering a grassroots research culture.

File Description	Documents
Paste link for additional information	https://abes.ac.in/IQAC-department.php
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC motivates, create awareness and than enforces following parameters and review them on the basis of audits and regular IQAC meetings:

1. Enhanced Industry Engagement:
2. Strengthened Outcome-Based Learning
3. Soft Skills Development
4. Participation in Quality Audits: Engaging in quality audits such as NIRF, ARIIA, NBA, AISHE, and more, recognized by national and international bodies.
5. Progress in Institute Innovation Council (IIC)
6. Beyond-Curriculum Skill Enhancement:
7. Research and Development Culture
8. Quality Programs:
9. Stakeholder Feedback & AT
10. Review of Mentor-Mentee System.

11. **Internal Audits:** Conducting regular internal audits of academic departments, the library, and administrative units.
12. **Best Practices:** Identifying and implementing best practices across the institution.
13. **Annual Quality Assurance Report (AQAR):** Preparing and submitting the AQAR annually to the NAAC.
14. **Information Management:** Coordinating information flow with the website administrator.
15. **Ragging Prevention:** Enforcing anti-ragging measures and promoting discipline, including a grievance redressal system.

Moreover, the IQAC has significantly improved the teaching and learning process by adopting Outcome-Based Education (OBE). OBE aligns curriculum, pedagogy, and assessments with program/course outcomes, emphasizing student-centered learning and accountability based on student learning. Consequently, all eligible UG programmes are NBA accredited. This accreditation underscores the institution's commitment to outcome-based education and its positive impact on student learning.

File Description	Documents
Paste link for additional information	https://abes.ac.in/IQAC-department.php
Upload any additional information	No File Uploaded

<p>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</p>	<p>A. All of the above</p>
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File Description	Documents
Paste web link of Annual reports of Institution	https://abes.ac.in/IQAC-minutes-of-meeting.php
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

"ABESEC acknowledges its social responsibility and its role in promoting gender equity. It has implemented measures in accordance with the Government of India's directives and its own commitment to gender equity for students and staff.

ABESEC established an ICC (Initially named WWGRC - Women Welfare and Grievance Redressal Cell, Act 20,1990) under the 'POSH ACT' (The Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act, 2013). The ICC aims to create an inclusive, bias-free atmosphere and educate on gender equity, focusing on personal and professional growth. Activity details are on the institute's website.

ABESEC also implemented various institute-level measures:

1. **Safety and Security:** I-card is mandatory with color-coded strings, CCTV surveillance, and security personnel. Hostels have separate entry checkpoints, female wardens, and a waiting room. Health facilities include gyms, sanitary napkin dispensers, incinerators, and first-aid kits. An Internal Complaint Committee ensures women's safety.
2. **Counseling:** A psychological counselor complements the Mentor-Mentee system. Online counseling is available. HR policy aligns with government norms, granting special leaves to female employees on occasions like 'Karwachauth' and 'Teej.'

3. Common Room: A separate room for girls allows interaction, discussion, and rest in a co-educational setting."

File Description	Documents
Annual gender sensitization action plan	https://abes.ac.in/naac21/Criteria%207/7.1.1/7.1.1-Annex-1-%20Gender%20Sensitization%20Report.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://abes.ac.in/naac21/Criteria%207/7.1.1/7.1.1%20Safety%20at%20Girls%20Hostel.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

"The institute prioritizes eco-friendly practices, minimizing environmental impact through waste management and resource conservation. Waste is carefully sorted into solid, liquid, and e-waste categories. Biodegradable waste is converted into manure and cyclable non-biodegradable waste is sent to recycling. The non-reusable non-biodegradable waste is disposed through authorized vendors. It is non-plastic campus.

1. Solid Waste Management:

- o Green waste like grass, leaves, and canteen food scraps

is composted at a separate site, reducing resource consumption.

- Email communication is favored, and reusing single-sided paper, paper bags, and cups is encouraged.
- Waste is divided into biodegradable and non-biodegradable, with separate bins.
- The institute strictly avoids plastic use.
- Biodegradable waste is either given to local cattle keepers or composted.
- Non-biodegradable waste is sold to authorized vendors with proper records.

2. Liquid Waste Management:

- A well-structured drainage system manages treated and raw water according to specific needs.
- Wastewater is recycled for tasks like plant watering.

3. Biomedical Waste Management:Sanitary pads are incinerated at high temperatures to ensure sterility and pathogen destruction.

4. E-waste Management:

- E-waste is responsibly handled by local vendors with thorough record-keeping.
- Older equipment is distributed among staff, and donations are made to local schools and needy students.
- Equipment parts are reused for repairs, reducing electronic waste."

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance

A. Any 4 or all of the above

of water bodies and distribution system in the campus

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

C. Any 2 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment</p> <p>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

<p>7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).</p> <p>ABESEC fosters a culturally inclusive environment characterized by mutual respect, open dialogue, and equal participation opportunities. The institution upholds transparency in its admission process, admitting students solely on merit and without bias, offering equal access to all activities regardless of caste, creed,</p>

religion, or region.

The institute's student council and NSS wing promote unity, discipline, and harmony among students, irrespective of their cultural or regional differences. A strong anti-ragging cell maintains a harmonious atmosphere, with no reported incidents of ragging in the past decade. The grievance redressal committee effectively addresses concerns without diversity-related issues.

ABESEC celebrates various cultures during festivals, fostering respect for all. Sports, cultural, and technical events encourage harmony among students, including an annual Tech-Cultural fest.

To promote tolerance toward diversities, the institute established clubs. The Cultural Club hosts dance, singing, and fashion competitions, collaborating with organizations like SPIC MACAY to showcase traditional Indian dances.

The Spirituality and Yoga (SYC) club emphasizes spiritual well-being through yoga and meditation sessions, observing International Yoga Day.

Regional events, such as Janmashtami, Navaratri, Diwali, EID, Guru Nanak Jayanti and Christmas, are celebrated collectively. Departments mark Vishwakarma Day with lab blessings, fostering an environment of cultural and communal harmony

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

As the Value Education Nodal Center, we organize workshops that have demonstrated positive effects on behavior and productivity, fostering a transformation in participants' attitudes.

We establish a strong foundation through several initiatives:

1. Student Induction Program (SIP) on 'Universal Human Values':
This program sensitizes students to their fundamental

aspirations and provides clarity on the path to a fulfilling life.

2. **AKTU Organized 8-Day UHV Workshops for Students:** These workshops aim to mold future leaders into exemplars of humane conduct within the campus.
3. **Credit Course in the Second Year on Universal Human Values :** Providing a comprehensive understanding of harmony at various levels of human existence.
4. **Elective Courses in the Third/Fourth Year:** These courses delve into values across different philosophies, fostering a sense of unity and understanding.
5. **Non-Credit Courses Common to All B.Tech. Branches:** Covering topics such as the Constitution of India, Law & Engineering, and Indian Tradition, Culture & Society.

Furthermore, we offer workshops and webinars for faculty and staff, focusing on knowledge enhancement, humility, integrity, ethical conduct, harmonious relationships, and effective coordination. These initiatives collectively create an environment that values ethics, respect, and unity.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://abes.ac.in/naac21/2021-22/7.1.9/7.1.9_Details.pdf
Any other relevant information	https://abes.ac.in/naac21/2021-22/7.1.9/7.1.9_Any%20other%20relevant%20information.pdf

<p>7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff</p> <p>4. Annual awareness programmes on Code of Conduct are organized</p>	<p>A. All of the above</p>
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File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

ABESEC promotes unity among students, faculty, and staff by observing both national and cultural/religious festivals, as well as commemorating important days. These celebrations are marked by enthusiastic participation from all members of the institution. National and international days, along with regional festivals, are joyfully celebrated, often featuring the singing of the National Anthem. Students actively engage in cultural performances, including dances and skits addressing societal issues, and deliver speeches to express patriotism.

The institution pays tribute to Indian legends like Mahatma Gandhi, Swami Vivekananda, Dr. A.P.J. Abdul Kalam, Sir M. Visvesvaraya, and Sardar Vallabhbhai Patel through speeches and posters on their birth/death anniversaries. Teacher's Day is an occasion for students to express gratitude to their educators and honor Dr. Sarvepalli Radhakrishnan.

International Women's Day on March 8th acknowledges women's contributions in managing personal and professional lives. ABESEC also observes national days like Constitution Day, National Voters' Day, and Vigilance Week to reinforce respect for the constitution and civic responsibilities.

Hindi Diwas celebrates the root of Indian culture—language, with literary events focused on social issues. The Spirituality and Yoga Club joyfully participates in Yoga Day, organizing related workshops and seminars. The Environmental Club observes Water Day with water conservation-related events.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Practice-1:

Title: Extensive Training Programs

Objective: Enhance student employability according to current market demands.

Context: As an affiliated institute, addressing the industry-academia gap in our curriculum is essential.

The practice: Training programs are integrated into regular college hours, encompassing both general and domain-specific training options.

Evidence of Success : Increased student participation in hackathons and improved problem-solving skills on various coding platforms.

Problem Encountered and resource required.: Teacher training was a challenge, which was overcome by motivating instructors to undergo Faculty Development Programs (FDPs), obtain online certifications, and participate in train-the-trainer sessions.

Practice-2:

Title: Manager's Feedback

Objective: Support managers in addressing areas of improvement as identified by their teams.

Context: Manager's feedback provides a platform for holistic development and improvement.

The practice: Anonymous feedback is collected in hard copy without identification marks and then communicated to managers.

Evidence of Success: Managers are able to deliver the outcomes in various domains like academics, trainings, placements, reserach etc. More faculty members can discuss their issues and challenges with their respctive managers.

Problem Encountered and resource required: Wider adoption of this innovative practice is needed among stakeholders. Continuity in feedback and transparent communication and action will facilitate its evolution.

File Description	Documents
Best practices in the Institutional website	https://abes.ac.in/IQAC-best-practices.php
Any other relevant information	https://abes.ac.in/ccpd-seep-overview.php

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Our institution stands out in its relentless commitment to providing rigorous training aimed at enhancing the skills of our students, with a primary focus on ensuring their employability in alignment with the dynamic demands of the current industry landscape. Distinctive approach revolves around offering students practical, hands-on experiences that go beyond theoretical knowledge. We recognize that employability is not only acquiring degrees but also about possessing the skills demanded by the market. To achieve this, we have designed a various training programmms that incorporates real-world applications, internships, and industry collaborations.

Our faculty members actively engage with students to impart not only theoretical knowledge but also practical insights. We organize regular workshops, seminars, and skill development programs that expose students to the latest industry trends and technologies. Furthermore, our placement cell plays a pivotal role in bridging the gap between students and the job market. Our success is evident in the consistently high placement rates and positive feedback from employers regarding the preparedness of our graduates. In essence, our institution's distinctive priority and thrust lie in equipping students with the skills and knowledge needed to excel in the ever-

evolving job market, ensuring their employability and success in the current industry scenario.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Acquiring Autonomy from UGC, under affiliating University, AKTU Lucknow.
2. Accreditation from National Board of Accreditation (NBA), India for all eligible UG programs.
3. Target is to improve National Institutional Ranking Framework (NIRF) ranking under 150
4. 100% placement - Jobs for all students and aiming increase in highest salary packages and average/median salary packages
6. MoUs with the reputed academic institution and industries to improves the collaborative projects and students' placements
7. International MoUs with reputed academic and professional institutions to collaborate for various student and faculty related activities.
8. Approval for additional PG programs in Engineering apart from the existing ones
9. Enhancement of Inter-Disciplinary Research
10. Increase in Student, Faculty & Resource sharing through National & International Collaborations
11. Improve the Funding from the reputed Govt. agencies
10. Participation in National & International Student Competitions
11. Awareness Program for International Language Cell
12. Increase the quantity & quality of student publications at UG and PG levels.

13. To increase the real time projects from industries to prepare the students industry ready.

14. To increase in quality publications and research funding by faculty.